

CAD "transport roller"

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S Musikant

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Mechatronic cine-film copying using transputer control - group of 3 »

M Stoker, AS White - Mechatronics, 2000 - Elsevier

... device currently used in most printing machines consists of a tension arm and transport

roller con®guration which can be pre-set at di□erent tensions by ...

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Roll-to-Roll Manufacturing of Flexible Displays

A Gregg, L York, M Strnad - doi.wiley.com

... inspection. Both V Tech and Integral Vision are able to compare a standard

(CAD) pattern to a pattern on a moving substrate. Also ...

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ELECTROSTATIC ANALYSIS OF AND IMPROVEMENTS TO ELECTROPHOTOGRAPHIC SOLID FREEFORM FABRICATION

JE FAY JR - 2003 - purl.fcla.edu

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ELECTROPHOTOGRAPHIC

SOLID FREEFORM FABRICATION By JAMES EDWARD FAY JR. A THESIS ...

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[BOOK] What Every Engineer Should Know About Ceramics

S Musikant - 1991 - books.google.com

... Vol. 10 What Every Engineer Should Know About Computer-Aided Design and Computer-Aided Manufacturing: The CAD/CAM Revolution, John K. Krouse Vol. ...

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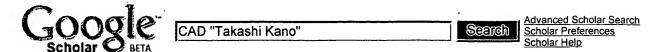
The Role of Expectations and Expectation Errors in Business Cycles - group of 3 » L Karnizova - 2005 - grad.econ.ubc.ca

... I am externely grateful to my classmates, colleagues and friends Martin Berka, Ron Cheung, Mick Coelli, Melanie Edinburgh, Ana Ferrer, Takashi Kano, Min Lu ... Related Articles - View as HTML - Web Search

attributes "Takashi Kano'

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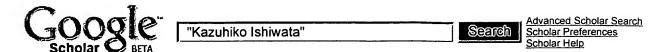
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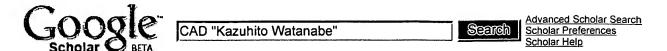
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K Shimizu

Thiazolidinedione derivatives as novel therapeutic agents to prevent the

K Shiratori

development of chronic ... - group of 4 »

N Hayashi

K Shimizu, K Shiratori, N Hayashi, M Kobayashi, T ... - Pancreas, 2002 -

T Fujiwara

pancreasjournal.com

H Horikoshi

... Pancreatitis. Shimizu, Kyoko; Shiratori, Keiko*; Hayashi, Naoaki*; Kobayashi,

Makio†; Fujiwara, Toshihiko‡; Horikoshi, Hiroyoshi‡. ... Cited by 18 - Related Articles - Web Search - BL Direct

Application of SEM-modified x-ray microscope to entomology and histology, and effects of x-ray ... - group of 2 »

H Yoshimura, D Shoutsu, T Horikoshi, H Chiba, S ... - J. Elect. Micros, 2000 - imicro.oupjournals.org

... Hideyuki Yoshimura 1 , Daisuke Shoutsu 1 , **Toshihiko Horikoshi** 1 , Hisahiro Chiba,

1, Shinya Kumagai 1, Katsunori Takahashi 1 and Toshio Mitsui 1...

Cited by 4 - Related Articles - Web Search - BL Direct

Effect of troglitazone on exocrine pancreas in rats with streptozotocin-induced diabetes mellitus - group of 4 »

K Shimizu, K Shiratori, N Hayashi, T Fujiwara, H ... - Pancreas, 2000 - pancreasjournal.com ... Pancreas. 24(2):184-190, March 2002. Shimizu, Kyoko; Shiratori, Keiko *; Hayashi, Naoaki *; Kobayashi, Makio +; Fujiwara, Toshihiko ++; Horikoshi, Hiroyoshi ++. ... Cited by 6 - Related Articles - Web Search - BL Direct

Antifibrotic effect of the herbal medicine Saiko-keishi-to (TJ-10) on chronic pancreatitis in the ... - group of 5 »

SB Su, Y Motoo, MJ Xie, H Taga, N Sawabu - Pancreas, 2001 - pancreasjournal.com ... Pancreas. 24(2):184-190, March 2002. Shimizu, Kyoko; Shiratori, Keiko *; Hayashi, Naoaki *; Kobayashi, Makio +; Fujiwara, Toshihiko ++; Horikoshi, Hiroyoshi ++. ... Cited by 12 - Related Articles - Web Search - BL Direct

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citation Color original readout apparatus

Z Huang

Y Tamura - Canon Kabushiki Kaisha, 1983 Cited by 1 - Related Articles - Web Search

S Harryson

H Chen

[воок] Japanese technology and innovation management

M Roco Z Chen

S Harryson - 1998 - Edward Elgar Pub Northhampton, MA, USA Cited by 10 - Related Articles - Web Search - Library Search

<u>Longitudinal Patent Analysis for Nanoscale Science and Engineering:</u>

Country, Institution and ... - group of 12 »

Z Huang, H Chen, A Yip, G Ng, F Guo, ZK Chen, MC ... - Journal of Nanoparticle Research. 2003 - Springer

... 525 10 12 Canon Kabushiki Kaisha 505 5 13 Advanced Micro Devices, Inc. 502 3.3 14 General Electric Company 491 11 15 Hitachi, Ltd. ... Cited by 14 - Related Articles - Web Search - BL Direct

[сітатіон] Masashi, c/o Canon Kabushiki Kaisha 3-30-2 Shimomaruko

N Miyagawa - Ohta-ku Tokyo

Cited by 1 - Related Articles - Web Search

гвоок Canon: Global Responsibilities and Local Decisions

P Sandoz - 1997 - Penguin

Cited by 4 - Related Articles - Web Search - Library Search

System Implications of Implementing Auto-Exposure on Consumer Digital Cameras - group of 9 »

R Kremens, N Sampat, S Venkataraman, T Yeh, Q ... - Proc. SPIE, 1999 - cirrus.it ... automatic exposure" in the title would rate the leading camera manufacturer assignees as follows - Nikon Corporation (20), Canon Kabushiki Kaisha (19) and ... Cited by 3 - Related Articles - View as HTML - Web Search

[CITATION] Image stabilizing device

Y Shiomi - Canon Kabushiki Kaisha, Japan. United States Patent Cited by 1 - Related Articles - Web Search

[CITATION] Image-shake preventing apparatus

T Yamazaki, Y Ishikawa - Canon Kabushiki Kaisha, Japan, United States Patent Cited by 1 - Related Articles - Web Search

Design of a high-density thermal inkjet using heat transfer from CVD diamond - group of 5 »

SS Baek, B Choi, Y Oh - Journal of Micromechanics and Microengineering, 2004 - iop.org Page 1. I NSTITUTE OF P HYSICS P UBLISHING J OURNAL OF M ICROMECHANICS

M ICROENGINEERING J. Micromech. Microeng. 14 (2004) 750-760 ... Cited by 1 - Related Articles - Web Search - BL Direct

Patents dance with the invention results in emulsion grains with

CK Kaisha - Starch/Stärke, 2002 - doi.wiley.com

Page 1. Canon Kabushiki Kaisha, Ohta-ku, Tokyo, Japan: Method for producing aliphatic polyester. EP 1 211 274 A1 (IPC Class: C08G 63/08). Filing date: 26. 11. ... Web Search

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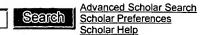
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S Yoneyama, I Oh, HR Kim - International Journal of Information Technology and ..., 2004 - Inderscience ... 2 1,541 Canon Kabushiki Kaisha 3 1,064 Motorola Inc ... a very different set of attributes from what ... is a prerequisite for companies to shape knowledge integration ... Cited by 1 - Related Articles - Web Search - BL Direct

Strong trade marks and the likelihood of confusion in European law - group of 4 »

J Phillips - Journal of Intellectual Property Law & Practice, 2006 - intl-jiplp.oxfordjournals.org ... These include the following: If so-called non-traditional marks such as colours, as well as many shape marks, are registrable only with grave difficulty on ... Cached - Web Search

[воок] Assessing Australia's Innovative Capacity in the 21st Century - group of 13 »

J Gans, S Stern - 2003 - ausicom.com

... National innovative capacity is composed of four broad elements that define how location shapes the ability of a company to innovate at the global frontier ... Cited by 10 - Related Articles - View as HTML - Web Search - Library Search

Nonwovens

W To - inda.org

... nonwoven technology. Sometimes powerful magnification is not as useful as excellent clarity, depth, focus and other attributes. Hence ... Related Articles - View as HTML - Web Search

[BOOK] Federal Regulatory Research: Selected Agency Knowledge Paths

NC Braga, RW Jones - 2003 - books.google.com

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[воок] Current Legal Problems 2000

MD Freeman - 2001 - books.google.com

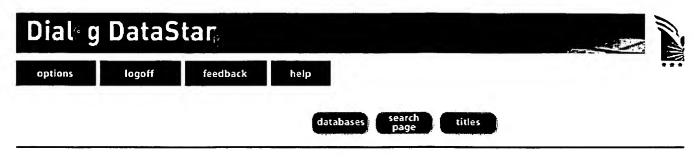
... 434 Campbell v Spottiswoode (1863) 3 B&S 769 351 Canon Kabushiki Kaisha v Green Cartridge Co (Hong Kong) Ltd [1997] AC 728 86 Cassis ...

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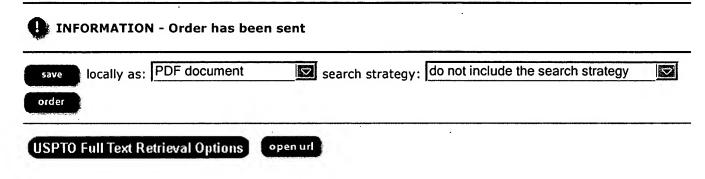
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0004828881 20051201.

Title

3D modelling using rough sketches and 3D shape retrieval system.

Source

Transactions of the Information Processing Society of Japan, {Trans-Inf-Process-Soc-Jpn-Japan}, Sept. 1994, vol. 35, no. 9, p. 1750-8, 13 refs, CODEN: JSGRD5, ISSN: 0387-5806, Japan.

Author(s)

Horikoshi-T, Suzuki-S, Nakane-K.

Author affiliation

Horikoshi, T., Suzuki, S., Nakane, K., NTT Human Interface Labs., Tokyo, Japan.

Abstract

This paper proposes a method that creates a 3D model from rough sketches, and presents a 3D shape database system designed to be accessed by the resulting model. First, by using superquadrics, the authors prove that abstracting the shape of a 3D object is possible to give two rough sketches showing orthogonal cross sections of the object. Superquadrics are defined by the spherical product of two curves. These curves are obtained from the rough sketches drawn, and they are easily approximated to 2D superquadrics by using a nonlinear least squares method. The 3D models of very complex objects can be reconstructed very easily by separately drawing outline sketches of each part. An experimental 3D shape database system shows that 3D objects can be compared using shape similarity by using superquadrics parameters. A model created from rough sketches is regarded as the initial 3D key. Stored objects are sorted according to the Euclidian distance of the superquadrics parameters between the stored objects and the key. Finally, the applicability of using the distance is confirmed, and it is found that the distance can be applied as a measure of similarity or difference between the shapes of objects.

Descriptors

E CAD; E VISUAL-DATABASES.

Classification codes

C6160S Spatial-and-pictorial-databases*;

E1400 Design*.

Keywords

3D-modelling; rough-sketches; 3D-shape-retrieval-system; superquadrics; orthogonal-cross-sections; nonlinear-least-squares-method; very-complex-objects; outline-sketches; experimental-3D-shape-database-system; shape-similarity; stored-objects; Euclidian-distance.

Treatment codes

P Practical.

Language

Japanese.

Publication type

Journal-paper.

Publication year

1994.

Publication date

19940900.

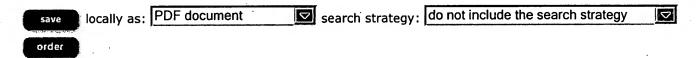
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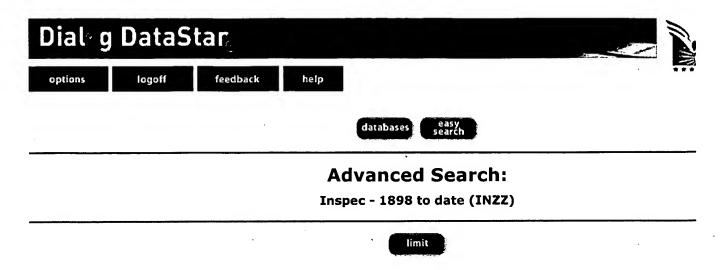
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10	INZZ	WATANABE-K\$	unrestricted	4301	show titles
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G Zachmann
D Wheatley
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M Cohen

Model-Based Generic Approaches For Automated Fault Detection, Diagnosis,

Evaluation (FDDE) And for ... - group of 2 »

Y Jia - 2002 - dspace.library.drexel.edu

... of friction ... commercial grade sensors..... ...

<u>Cited by 1 - Related Articles - View as HTML - Web Search - Library Search</u>

contributor. author Jia, Yongzhong

DC Field - dspace.library.drexel.edu
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[BOOK] <u>Virtual Reality in Assembly Simulation: Collision Detection, Simulation Algorithms, and Interaction ...</u> - group of 11 »

G Zachmann - 2001 - elib.tu-darmstadt.de

... Plug-ins are modules which provide some application-specific behavior or functionality, or an on-line interface to other applications such as CAD systems. ...

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Towards an ontology for factual information for a playful robot - group of 2 »

A Sloman - cs.bham.ac.uk

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D Wheatley, W Wheatley - 2002 - books.google.com

... 74 Figure 3.5 Approximate ranges of various sensors. 75 ... 150 Figure 7.3 Relationship between difference angle and effective friction. 154 ...

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[BOOK] Comparative Approaches to Medical Reasoning

ME Cohen - 1995 - books.google.com

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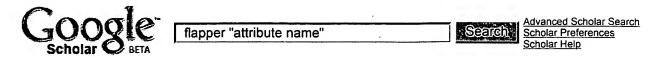
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			6. GaN-based high-	power blue-violet laser	diodes with a small a	spect ratio					

Bessho, Y.; Kano, T.; Yamaguchi, T.; Inoue, D.; Nomura, Y.; Shono, M.; Semiconductor Laser Conference, 2004. Conference Digest. 2004 IEEE 19th I 21-25 Sept. 2004 Page(s):65 - 66 AbstractPlus | Full Text: PDF(487 KB) | IEEE CNF Rights and Permissions 7. Gan-based laser diodes with low-threshold current fabricated directly on sapphire substrate Kunisato, T.; Kano, T.; Ohbo, H.; Hayashi, N.; Nomura, Y.; Yamaguchi, T.; Bat Sawada, M.; Ibaraki, A.; Lasers and Electro-Optics, 2003, CLEO '03, Conference on 1-6 June 2003 Page(s):245 - 246 Digital Object Identifier 10.1109/CLEO.2003.1297799 AbstractPlus | Full Text: PDF(267 KB) | IEEE CNF Rights and Permissions 8. Development of a new program to estimate the conductor temperature of transmission cables in the buried ducts Saito, T.; Nakade, M.; Kano, T.; Ishikawa, T.; Transmission and Distribution Conference and Exhibition 2002: Asia Pacific. IE Volume 3, 6-10 Oct. 2002 Page(s):1885 - 1889 vol.3 Digital Object Identifier 10.1109/TDC.2002.1177745 AbstractPlus | Full Text: PDF(399 KB) | IEEE CNF Rights and Permissions 9. Mixed-model assembly line scheduling using the Lagrangian relaxation to Yuanhui Zhang; Luh, P.B.; Yoneda, K.; Kano, T.; Kyoya, Y.; Control Applications, 1997., Proceedings of the 1997 IEEE International Confe 5-7 Oct. 1997 Page(s):429 - 434 Digital Object Identifier 10.1109/CCA.1997.627618 AbstractPlus | Full Text: PDF(620 KB) | IEEE CNF Rights and Permissions 10. An optimization-based production scheduling system: progress report Yoneda, K.; Hasegawa, P.; Kano, T.; Kyoya, Y.; Nagahora, T.; Tsuji, M.; Luh, I Yuanhui Zhang; Decision and Control, 1996., Proceedings of the 35th IEEE Volume 3, 11-13 Dec. 1996 Page(s):2387 - 2388 vol.3 Digital Object Identifier 10.1109/CDC.1996.573445 AbstractPlus | Full Text: PDF(176 KB) IEEE CNF Rights and Permissions 11. Laser induced fluorescence of intact leaves for lidar vegetation monitoring Saito, Y.; Hatake, K.; Nomura, A.; Kano, T.; Lasers and Electro-Optics, 1995. Technical Digest. CLEO/Pacific Rim'95., Pac Conference on 10-14 July 1995 Page(s):211 AbstractPlus | Full Text: PDF(260 KB) | IEEE CNF Rights and Permissions 12. Water-cooled switching power supply Hiraki, M.; Kano, T.; Kizu, H.; Satoh, H.; Yamashita, S.; Kobayashi, K.; Tanaka Satoh, K.; Fuchigami, K.; Telecommunications Energy Conference, 1989. INTELEC '89. Conference Pro Eleventh International 15-18 Oct. 1989 Page(s):20.8/1 - 20.8/7 vol.2 Digital Object Identifier 10.1109/INTLEC.1989.88345 AbstractPlus | Full Text: PDF(380 KB) | IEEE CNF Rights and Permissions

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